

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>0883-0146</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/US 02/ 38657</b>	International filing date (day/month/year) <b>04/12/2002</b>	(Earliest) Priority Date (day/month/year) <b>14/12/2001</b>
Applicant  <b>TROPICANA PRODUCTS, INC.</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

**4. With regard to the title,**

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

**5. With regard to the abstract,**

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

**6. The figure of the drawings to be published with the abstract is Figure No.**

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A23K1/14 A23K1/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CAB Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	"FEED INFORMATION AND ANIMAL PRODUCTION. PROCEEDINGS OF THE SECOND SYMPOSIUM OF THE INTERNATIONAL NETWORK OF FEED INFORMATION CENTRES" 1983 , COMMONWEALTH AGRICULTURAL BUREAUX , SLOUGH, UK XP001149813 page 425 S.L. KANG and J.H. CHOI: "Feeding value of dried citrus peel in broiler diets" ---	1,10,12, 20,27, 37-40
Y	WO 96 31239 A (BACHMANN POUL) 10 October 1996 (1996-10-10)  claims 1,6-8,10,11 --- -/--	1,10,12, 20,27, 37-40



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## ° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

27 March 2003

Date of mailing of the international search report

11/04/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Dekeirel, M

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>A.R.Y. EL BOUSHY &amp; A.F.B. VAN DER POEL:  "POULTRY FEED FROM WASTE: PROCESSING AND  USE"  1994 , CHAPMAN &amp; HALL LTD , LONDON, UK  XP002236225  Chapter 6 : Fruit, vegetable and brewers'  waste  page 218, last paragraph -page 224,  paragraph 3</p> <p>---</p>	1,20
A	<p>A.R. ELDRED ET AL.: "Evaluation of waste  activated sludge (citrus) as a poultry  feed ingredient. 1. Performance of chicks,  broilers and laying hens"  NUTRITION REPORTS INTERNATIONAL.,  vol. 14, no. 2, 1976, pages 139-145,  XP008015422  XX, XX  the whole document</p> <p>---</p>	1,20
A	<p>P. FLOROU-PANERI ET AL.: "Effect of  feeding dried citrus pulp on quail laying  performance and some egg quality  characteristics"  ARCHIV FUER GEFLUEGELKUNDE,  vol. 65, no. 4, 2001, pages 178-181,  XP008015425  VERLAG EUGEN ULMER GMBH, DE  ISSN: 0003-9098  page 179; table 2</p> <p>---</p>	1,20
A	<p>US 4 536 494 A (CARTER A FRANKLIN)  20 August 1985 (1985-08-20)  column 5, line 7 - line 9  column 6, line 64 -column 7, line 2</p> <p>---</p>	1,20
A	<p>DATABASE WPI  Section Ch, Week 199805  Derwent Publications Ltd., London, GB;  Class B04, AN 1998-042617  XP002235942  &amp; CN 1 136 402 A (ANYANG CITY ANIMAL  QUARANTINE STATION),  27 November 1996 (1996-11-27)  abstract</p> <p>-----</p>	1,20

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/38657

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9631239	A	10-10-1996	AT 228855 T AU 696539 B2 AU 5333096 A CA 2217191 A1 DE 69625188 D1 DE 820306 T1 WO 9631239 A1 DK 820306 T3 EP 0820306 A1 JP 11503423 T NZ 305350 A US 6024959 A	15-12-2002 10-09-1998 23-10-1996 10-10-1996 16-01-2003 20-12-2001 10-10-1996 10-03-2003 28-01-1998 26-03-1999 28-07-1998 15-02-2000
US 4536494	A	20-08-1985	US 4600706 A	15-07-1986
CN 1136402	A	27-11-1996	NONE	